

# hgu133plus2frmavecs

November 27, 2024

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hgu133plus2barcodevecs

*Vectors used by barcode function for hgu133plus2.*

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## Description

Parameters of the background distribution for use with the barcode function. These correspond to version 3.0 of the Gene Expression Barcode website.

## Usage

```
data(hgu133plus2barcodevecs)
```

## Format

A list with 3 elements.

|         |                                |
|---------|--------------------------------|
| mu      | background means               |
| tau     | background standard deviations |
| entropy | observed gene entropy          |

## Examples

```
data(hgu133plus2barcodevecs)  
str(hgu133plus2barcodevecs)
```

hgu133plus2frmavecs     *Vectors used by fRMA for hgu133plus2.*

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**Description**

Frozen parameter vectors for use with the `frma` and `GNUSE` functions.

**Usage**

```
data(hgu133plus2frmavecs)
data(hgu133plus2hsentrezgfrmavecs)
```

**Format**

A list with 6 or 7 elements.

|                              |   |
|------------------------------|---|
| <code>normVec</code>         | normalization vector                                  |
| <code>probeVec</code>        | probe effect vector                                   |
| <code>probeVarWithin</code>  | within batch probe variance                           |
| <code>probeVarBetween</code> | between batch probe variance                          |
| <code>probesetSD</code>      | within probeset standard deviation                    |
| <code>medianSE</code>        | median standard error for gene expression estimates   |
| <code>version</code>         | the Entrez Gene alternative CDF version if applicable |

**Examples**

```
data(hgu133plus2frmavecs)
str(hgu133plus2frmavecs)
```

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